

From: Tom Stevens [mvp1984@comcast.net]

Sent: Wednesday, August 27, 2008 3:39 PM

To: Stevens, Thomas H.

Subject: flow rate viscosity sensors measured variables temperature controller actuator temperature pressure PDA "PDA" - Google Scholar



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flow rate viscosity sensors measured variables

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xxxii Definitions

T Pressure, C Junction, C Air, C Mode, D Acting - Instrument Engineers' Handbook: Process Control and ..., 2005 - books.google.com

... a Newtonian fluid and the same as apparent **viscosity** for a ... In this case the **rate** of change of the ... Examples are an uncontrolled **temperature**, a **flow** control loop ...

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Controller for a heater and an associated method of use

J Pilavdzic - US Patent App. 11/354,603, 2006 - Google Patents

... example of a **sensor** for monitoring **viscosity** includes, but ... limited to, a **sensor** responsive to a material **flow rate**. ... and 94 is also **measured** with **sensors** 72, 82 ...

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Controller for at least one heater utilized in an injection molding system and an associated method ...

J Pilavdzic - US Patent App. 11/354,703, 2006 - Google Patents

... example of a **sensor** for monitoring **viscosity** includes, but ... limited to, a **sensor** responsive to a material **flow rate**. ... and 94 is also **measured** with **sensors** 72, 82 ...

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Controller for at least one heater utilized in a hot runner injection molding system and an ...

J Pilavdzic - US Patent App. 11/354,876, 2006 - Google Patents

... example of a **sensor** for monitoring **viscosity** includes, but ... limited to, a **sensor** responsive to a material **flow rate**. ... and 94 is also **measured** with **sensors** 72, 82 ...

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Controlled liquid injection and blending apparatus

W Freeman - US Patent App. 11/404,241, 2006 - Google Patents

... in conjunction with a photoelectric **sensor** to produce ... are inversely proportional to the **viscosity** of the ... and conversely pump discharge **flow rates** will increase ...

[Web Search](#)

[PDF] •NeSSI™(New Sampling/Sensor Initiative) Generation II Specification

R Status, LC Draft, WC Draft, W Release, RN Dubois ... - opac.washington.edu

... Having continuous, real time **flow sensors** in an analytical ... may require higher accuracy mass **flow** and density ... Transducers **Pressure** is typically **measured** using a ...

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Dispensing flip chip underfill process problems and solutions

M Norris, R Overko, STFD Syst, MA Haverhill - Adhesive Joining and Coating Technology in Electronics ..., 1996 - ieeeexplore.ieee.org

... is that the valve diameter or **flow rate** is slightly ... die, underfill material and the subsequent **viscosity** of the ... one in order to maximize the **flow** and reduce ...

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Driver Input Analysis and Feedback System

J Doering - US Patent App. 11/561,755, 2006 - Google Patents

... be mea- sured by a engine oil **viscosity** and **temperature** ... is read by the respective **sensors** and stored ... of peak vehicle accelerations and fuel **flow rates** may be ...

[Web Search](#)

Microfluidic exergy loss in a non-polarized thermomagnetic field

GF Naterer, OB Adeyinka - International Journal of Heat and Mass Transfer, 2005 - Elsevier

... numbers in macro-scale flows, so that **viscosity** only depends ... [14] and [15] **measured** the friction ... The liquid **flow rate** was **measured** as a function of channel size ...

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[HTML] •Opening Date: January 2, 2002 Closing Date: February 15, 2002

GO TO - tsapps.nisi.gov

... for vacuum, low pressures, and low-**flow rates**. ... acceleration, air and fluid **flow**, **temperature**, **pressure**, vibration, etc ... Development of a MEMS **Viscosity** Meter for ...

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Key authors: [K Potter](#) - [G Anderson](#) - [A Heller](#) - [A Cinar](#) - [J Mitchell](#)



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